



# EU-Type Examination Certificate

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: Presafe 16 ATEX 9155X Issue 0
- [4] Product: Full Plastic Explosion-proof Plugs and Sockets  
Z0251 series
- [5] Manufacturer: INDEX ELEKTRO BV
- [6] Address: Harregatplein 15  
3214 VP Zuidland  
Netherlands
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV Nemko Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013, EN 60079-1:2014, EN 60079-7:2015, and EN 60079-31:2014.
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:

	II 2 G	Ex db eb IIC T6 Gb (Ta≤+45°C) or Ex db eb IIC T5 Gb (Ta≤+55°C)
	II 2 D	Ex tb IIIC T80°C Db (Ta≤+45 °C) or Ex tb IIIC T95°C Db (Ta≤+55 °C)

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Bjørn Spongsveen  
For DNV Nemko Presafe AS  
Information on electronic signature [www.presafe.com](http://www.presafe.com)



Date of issue: 2017-01-17

This certificate replaces  
previous certificate  
issued by DNV.

*This certificate may only be reproduced in its entirety and without any change, schedule included.*

# EU-Type Examination Certificate

[13]

## Schedule

[14] **EU-TYPE EXAMINATION CERTIFICATE No.:** Presafe 16 ATEX 9155X Issue 0

[15] **Description of Product**

Z0251 series plugs and sockets compose the plug-and-socket devices. The type of protection is flameproof enclosure and increased safety protection by enclosure. The plugs and sockets include wall type and coupler type.

### Type designation

Z	02	5	1	□	□	□□□	□
<p>0: No auxiliary 4: With auxiliary, 1NO Voltage Poles <b>Classification code:</b> 1: Wall type socket 3: Coupler type 4: Plug Code of rated current: 16 A Code of product type: Series of plug and socket Year number of design and development of product Abbreviation code of manufacturer name</p>							

### Electrical Data

Rated current: 16 A

Rated voltage: 2-pole: 50 V d.c./a.c. 0 Hz & 50/60 Hz; 3-pole: max. 250 V a.c., 4-pole: max. 690 V a.c., 5-pole: max. 415 V a.c., 50/60 Hz.

### Degrees of protection (IP Code)

IP66 (Couple type plugs and sockets)

IP65 (Wall type plugs and sockets)

### Ambient temperature:

-40 °C to +45 °C (Ex db eb IIC T6 Gb Ex tb IIIC T80 °C Db)

-40 °C to +55 °C (Ex db eb IIC T5 Gb Ex tb IIIC T95 °C Db)

### Routine tests

- A dielectric strength test shall be carried out at 500/1500/1830/2380 V a.c. (depending of rated voltage) for at least 1 min. according to requirements of clause 7.1 (6.1) of EN 60079-7:2015.

[16] **Report No.:** 2011-3244, Rev. 01

**Project No.:** PRJC-556203-2016-PRC-CHN

## [17] Specific Conditions of Use

- For wall type socket, before application, separate certified Ex eb IIC Gb or/and Ex tb IIIC Db IP66 cable gland or plug in accordance with EN 60079-0:2012, EN 60079-7:2015 and EN 60079-31:2014 should be incorporated.

## [18] Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9.

## [19] Drawings and documents

As listed in confidential report 2011-3244.

## [20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue (Replace DNV 11 ATEX 96523)	2017-01-17	2011-3244, Rev. 01

END OF CERTIFICATE